

REMARKS

Claims 1 – 34 are presently pending. Of the presently pending claims, Claims 1-26 are withdrawn from consideration. In the above-identified Office Action, the Examiner rejected Claims 27 – 34 under 35 U.S.C. § 102(b) as being anticipated by Dorenbosch ('252) or Nakamura *et al.* ('350) or White *et al.* ('548).

By this Amendment, Applicants have amended Claims 27, 28, 31 and 34 to more clearly define the patentably distinct features thereof. Claim 30 has been canceled.

For the reasons set forth more fully below, the subject application is deemed to properly present claims patentable over the prior art. Reconsideration, allowance and passage to issue are respectfully requested.

As noted previously, the present invention addresses the need in the art for a system and method for improving the performance of GPS receivers with respect to jammers. In accordance with one embodiment of the invention, a system and method are disclosed for moving a reference channel from one channel to another on the occurrence of a predetermined set of operational conditions.

The invention is set forth in Claims of varying scope of which Claim 27 is illustrative. Claim 27 recites:

27. A circuit comprising:
first and second antenna elements;
first and second channels coupled to said first and second antenna elements respectively; and
means for selecting said first or said second channel as a reference channel in response to a predetermined set of operational conditions, **said means for selecting including means for passing a baton on said predetermined set of operational conditions and said baton being a weight applied to a signal received by said first or said second antenna element such that a parameter for a path is substantially equal to a predetermined parameter limit. (Emphasis added.)**

None of the references, taken alone or in combination, teach, disclose or suggest the invention as presently claimed. That is, none of the references teach, disclose or suggest a circuit having means for selecting a first or a second channel as a reference channel in response to a predetermined set of operational conditions including means for passing a baton with the baton being a weight applied to a signal received by one of the antennas effective to cause a parameter for a path to be substantially equal to a predetermined parameter limit.

As noted above, in the Office Action, the Examiner rejected the Claims over Dorenbosch ('252) or Nakamura *et al.* ('350) or White *et al.* ('548). Dorenbosch purports to teach a method and apparatus for switching between operating channels with different time references. However, Dorenbosch clearly does not teach means for passing a baton with the baton being a weight applied to a signal received by one of the antennas effective to cause a parameter for a path to be substantially equal to a predetermined parameter limit.


Nakamura *et al.* purport to teach a scheme for controlling transmission powers during soft handover in a CDMA mobile communication system. However, this reference also does not teach means for passing a baton with the baton being a weight applied to a signal received by one of the antennas effective to cause a parameter for a path to be substantially equal to a predetermined parameter limit.

White *et al.* purport to teach a cable television distribution system. However, White *et al.* clearly does not teach means for passing a baton with the baton being a weight applied to a signal received by one of the antennas effective to cause a parameter for a path to be substantially equal to a predetermined parameter limit.

None of the references, including those cited but not applied, taken alone or in combination, teaches, discloses or suggests means for passing a baton with the baton being a weight applied to a signal received by one of the antennas effective to cause a parameter for a path to be substantially equal to a predetermined parameter limit.

Accordingly, reconsideration, allowance and passage to issue are respectfully requested.

Respectfully submitted,
Troy D. Fuchser, et al.

By 
Thomas J. Finn, Esq.
Attorney for Applicants
Registration No. 48,066

WJB/lc

Raytheon Company
1151 E. Hermans Road
Bldg. 807/F8
Tucson, AZ 85706

(520) 794-7980

(520) 794-8171